#61F Ch19B Tokunaga's AP Stats Distance Learning Period: 3 Name: _____

Objectives
Write and conduct Hypothesis Test.

From your warm up reading, write followings.

W.Up

Beyond a Reasonable Doubt We ask whether the data were unlikely beyond a reasonable doubt. We've just calculated that probability. The probability that the observed statistic value (or an even more extreme value) could occur if the null model were true—in this case, 0.067—is the P-value.	Last lesson "Ingot" question conclusion: If the significant level (α level) was set at 5%, conclude the statement after the above hypotheses test. (Compare % to P-value above, and use the term reject null H or fail to reject null H).	If the significant level (α level) was set at 10%, conclude the statement after the above hypotheses test.

Define these terms

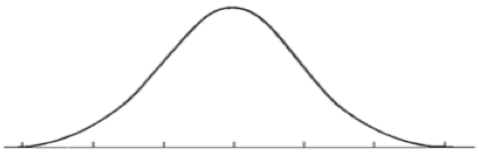
P Values	

A large city's Department of Motor Vehicles claimed that 80% of candidates pass driving tests, but a newspaper reporter's survey of 90 randomly selected local teens who had taken the test found only 68 who passed.

QUESTION: Does this finding suggest that the passing rate for teenagers is lower than the DMV reported? Write appropriate hypotheses.

Check the conditions: Also write the name of the model and test for our hypothesis test.

Calculate z score and P-value :

Indicate above into listed below natural model 	f the significant level (α level) was set at 10%, conclude the statement after the above hypotheses test.